

**Amendments to the Specification:**

Please delete paragraph [0057] in the entirety and insert therefor:

[0057] According to another embodiment of said targeting vector, the C.alpha. gene or the segment of said gene is flanked in 5' by a fragment of about 5kb corresponding to the JH/E.mu. region and in 3' by a fragment of about 5kb corresponding to the C.mu. region, said fragments consisting of the sequences SEQ ID NO: 7 and 8 corresponding respectively to positions 131281 to 136441 and 140101 to 145032 in the sequence of murine chromosome 12 (accession number AC073553 in the EMBL/GenBank database).